

WHAT IS CLAIMED IS:

1. A mobile radio apparatus which selectively transmits one or some of candidates of a plurality of spread codes and selects one or more candidates of the transmitted spread codes among a database of spread code and performs synchronization with the transmitted spread codes, said mobile radio apparatus comprising:

receiver configured to rearrange a group data of spread code based on frequency of the spread code and generate a database of spread codes based on the rearranged group data.

2. A mobile radio apparatus as claimed in claim 1, wherein the receiver updates the database every time a candidate of spread codes is specified.

3. A mobile radio apparatus as claimed in claim 1, wherein searching is performed in order based on higher priority.

4. A mobile radio apparatus as claimed in claim 3, wherein, in the case where a candidate of spread codes meeting a preset condition has been detected, the receiver judges that the candidate of spread codes has been successfully specified, and stops the subsequent processing.

5. A mobile radio apparatus as claimed in claim 1, wherein the receiver adaptively changes the number of the database elements to be searched.

6. A mobile radio apparatus as claimed in

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of the spread code has been successfully specified, and the subsequent processing is stopped.

5 11. A control device in a mobile radio apparatus as claimed in claim 7, wherein the number of the databases to be searched is adaptively changed.

10 12. A control device in a mobile radio apparatus as claimed in claim 11, wherein the use frequency of each candidate in the database is represented by a use rate, and only the use rate indicating a rate equal to or greater than a use frequency specified in advance is targeted for search.

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